



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/833,596	04/13/2001	Roger Edward Latimer	A/CW/00G279US	3740

466 7590 06/13/2003

YOUNG & THOMPSON
745 SOUTH 23RD STREET 2ND FLOOR
ARLINGTON, VA 22202

EXAMINER

ADDISON, KAREN B

ART UNIT	PAPER NUMBER
----------	--------------

2834

DATE MAILED: 06/13/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/833,596	LATIMER, ROGER EDWARD
	Examiner	Art Unit
	Karen B Addison	2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
 - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 3/11/03 .

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

sposition of Claims

4) Claim(s) _____ is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 5-6 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. ____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .

4) Interview Summary (PTO-413) Paper No(s). _____ .
5) Notice of Informal Patent Application (PTO-152)
6) Other: _____ .

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Inaba (4133230) in view of Curtiss(4131036).

Inaba discloses in fig.1 a motor spindle (13) extending from the motor; and a machine spindle (fig.1) formed of a unitary extension of the motor spindle (13). Wherein, the machine is a lathe with a bed (11) and the spindle is a headstock. Inaba also discloses the motor spindle (13) and the headstock (16) spindle lying substantially on the same axis.

Curtiss teaches a motor mounting device for an electric motor in fig.2-4 comprising: a Casing (20) with aperture(21) and a stator(11) mounted in the aperture including inwardly extending ribs(12) spaced apart around the aperture and bearing against an outer surface of the stator for the purpose of withstanding substantial reaction torque generated by industrial equipment. Therefore, it would have been obvious to one having ordinary skills in the art at the time the invention was made to modify the motor of Inaba with the teaching Curtiss for the purpose facilitating rapid disassembly and withstanding substantial reaction torque.

3. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Inaba (4133230) in view of Curtiss(4131036) as applied to claim 5 above, and further in view of Beth (EP0709155).

Beth teaches in fig.1 a machining tool (31) with a switched reluctance motor having variable speed and automatic braking for the purpose of operating a rotatable machine tool. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the motor driven machine of Inaba with the teaching of Curtiss stator structure and Beth's combined machining tool and switched reluctance motor structure for the purpose operating rotatable machine and automatic breaking.

Referring to claim 1, It has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires that ability to so perform. It does not constitute a limitation in any patentable sense. *In re Hutchison*, 69 USPQ 138.

Referring to claim 1, It has been held that a recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claim apparatus from a prior art apparatus satisfying the claim structural limitation. *Ex parte Masham*, 2 USPQd 1647 (1987).

Response to Arguments

4. Applicant's arguments with respect to claim 5-6 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen B Addison whose telephone number is 703-306-5855. The examiner can normally be reached on 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on 703-308-1317. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3431 for regular communications and 703-305-3431 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.


KBA

June 6, 2003